

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 4239-64816	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.			
International application No. PCT/US03/12734	International filing date (day/month/year) (Earliest) Priority Date (day/month/year) 25 April 2003 (25.04.2003) (26.04.2002) (26.04.2002)				
Applicant THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of					
Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.					
the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:					
contained in the international application in written form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form.					
furnished subsequently to this Authority in computer readable form.					
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. the statement that the information recorded in computer readable form is identical to the written sequence listing has					
been furnished.					
 Unity of invention is lacking (See Box II). With regard to the title, 					
the text is approved as subm	itted by the applicant. by this Authority to read as follows	:			
	, according to Rule 38.2(b), by this	Authority as it appears in Box III. The applicant may, earch report, submit comments to this Authority.			
6. The figure of the drawings to be pub as suggested by the applicant because the applicant failed to because this figure better cha	olished with the abstract is Figure No t. to suggest a figure.	•			

Form PCT/ISA/210 (first sheet) (July 1998)





INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/12734

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)				
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
Claim Nos.: because they relate to subject matter not required to be searched by this Authority, namely:				
Claim Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:				
3. Claim Nos.: 26 because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)				
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:				
 As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: 				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				





INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/12734

A CLASSIFICATION OF SUBJECT MATTER						
A. CLASSIFICATION OF SUBJECT MATTER						
	IPC(7) : A61K 39/395; G01N 33/53					
	US CL : 437/7.23, 7.9; 424/181.1					
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols)						
		by classification symbols)				
0.3 4	35/7.23, 7.9; 424/181.1					
Desument						
NONE	on searched other than minimum documentation to th	e extent that such documents are included in	the fields searched			
NONE						
Electronic da	ta base consulted during the international search (nam	ne of data base and, where practicable, sear	ch terms used)			
MEDLINE						
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.			
Х	US 6,261,789 B1 (REITER et al.) 17 July 2001(17	1-2, 5-11, 16-17, 20-25				
	lines 30-45, column 18, lines 13-26, column 22, lin	,,				
Y	column 31, columns 31-32.		3-4, 12-15, 27-33			
	,		3 1, 12 13, 2, 33			
x	US 5,705,158 A (HENSEN et al.) 06 January 1998	(06 01 1009) soo sharmat soo	1 2 12 12 12 22			
	summary, column 7, lines 1-65, column 5, lines 56		1-2, 12-13, 18, 20			
Y	summary, conditin 7, lines 1-05, condition 5, lines 50	-07.				
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Further	documents are listed in the continuation of Box C.	See patent family annex.				
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J.	cetal categories of cited documents.	"T" later document published after the inter date and not in conflict with the applica	national filing date or priority			
	defining the general state of the art which is not considered to be	principle or theory underlying the inver	ntion			
of particula	ar relevance	WT Assessed County Is a second				
"E" earlier app	lication or patent published on or after the international filing date	"X" document of particular relevance; the c considered novel or cannot be consider	raimed invention cannot be			
		when the document is taken alone	a to alvoive an inventive step			
	which may throw doubts on priority claim(s) or which is cited to		I			
establish the specified)	e publication date of another citation or other special reason (as	"Y" document of particular relevance; the c considered to involve an inventive step				
эрссииса)		combined with one or more other such				
"O" document a	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the				
"P" document r	and the bank and a second of the second of t					
priority dat	published prior to the international filing date but later than the	"&" document member of the same patent for	umily			
Date of the act	tual completion of the international search	Date of mailing of the international searc	h report			
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07 August 2003 (07.08.2003)			L CUUJ			
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Alexandria, Virginia 22313-1450 Telephone No. (703) 308-1235						
	(703) 305-3230					

Form PCT/ISA/210 (second sheet) (July 1998)